

Converting Colors

CIELCh(83, 6.675, 248.976)

Have a look what the booklet for
CIELCh(83, 6.675, 248.976) contains.

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Color

CIELCh(83, 6.517, 246.218)

Conversions

Conversions Part 1

Format	Color
Hex	C4D1DA
RGB	196, 209, 218
RGB Percent	77%, 82%, 85%
CMY	0.2327, 0.1817, 0.1465
CMYK	0.10, 0.04, 0.00, 0.15
HSL	205°, 23%, 81%
HSV	205°, 10%, 85%
XYZ	57.9991, 62.1629, 75.0300
YIQ	206.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

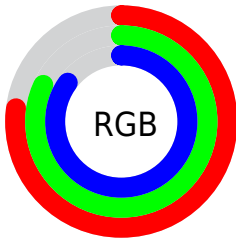
Format	Color
R _Y B	196, 204, 218
Decimal	12898778
CIE Lab	83.00, -2.63, -5.96
CIE LCh	83, 6.517, 246.218
Yxy	62.1629, 0.2971, 0.3185
Android (android.graphics.Color)	4291088858 (0xFFC4D1DA)
YUV	206.1390, 5.8475, -8.8919
Hunter-Lab	78.8435, -6.6673, -1.2319

Details

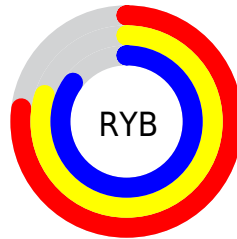
The CIELCh color $83, 6.517, 246.218$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 6.775, 63.853$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.695, 200.315$, and $63, 6.466, 243.018$ is the 20% darker color. If you saturate the color by 10%, you get $79, 12.785, 247.555$, and if you desaturate by 10%, it is $87, 0.075, 251.221$.

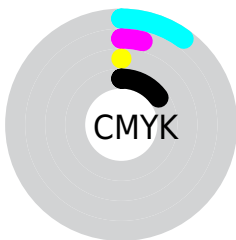
Distribution



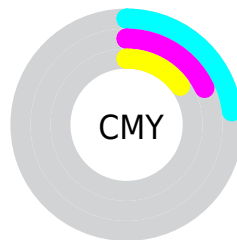
- Red (77%)
- Green (82%)
- Blue (85%)



- Red (77%)
- Yellow (80%)
- Blue (85%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.517, 246.218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 83, 6.517, 246.218 by changing the saturation by 10% instead.

■ 83, 6.517, 246.218

■ 83, 6.517, 246.218

■ 100, 6.517,
246.218

■ 73, 6.517, 246.218

■ 63, 6.517, 246.218

■ 53, 6.517, 246.218

■ 43, 6.517, 246.218

■ 33, 6.517, 246.218

■ 23, 6.517, 246.218

■ 13, 6.517, 246.218

■ 3, 6.517, 246.218

■ 0, 6.517, 246.218

83, 6.517, 246.218

83, 6.517, 246.218

79, 12.785,
247.555

87, 0.075, 251.221

75, 18.834,
249.230

91, 6.497, 63.955

72, 24.616,
251.278

94, 11.631, 70.769

68, 30.092,
253.771

99, 17.987,
106.646

65, 35.245,
256.781

99, 18.883,
108.749

61, 40.092,
260.368

58, 44.700,
264.546

55, 49.194,
269.250

■ 53, 53.714,
274.151

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83, 6.517, 246.218



83, 6.775, 63.853

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 6.517, 246.218



83, 6.517, 296.218



83, 6.517, 66.218



83, 6.517, 116.218

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83, 6.516, 246.201



99, 2.223, 245.531



85, 10.600, 157.890



52, 1.682, 245.571



0, 0.000, 0.000



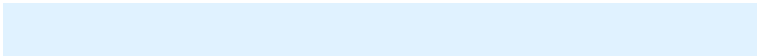
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 6.516, 246.201



95, 8.777, 246.446



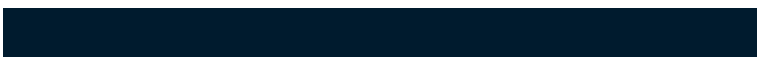
80, 10.561, 286.941



44, 3.687, 246.122



42, 44.761, 273.311



9, 15.688, 262.694

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



81, 10.624, 339.789



92, 14.374, 339.956



86, 10.366, 104.741



43, 6.002, 339.733



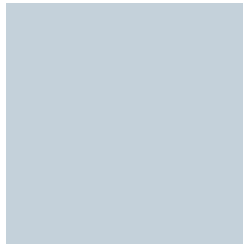
38, 65.248, 353.507



6, 26.205, 348.049

Previews

White Background



This preview shows how the CIELCh color 83, 6.517, 246.218 looks on a white background.

Color Contrast Check

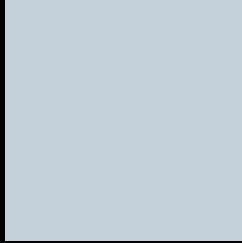
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 83, 6.517, 246.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

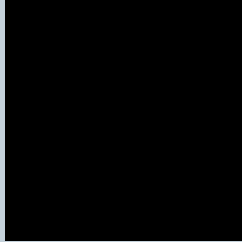
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

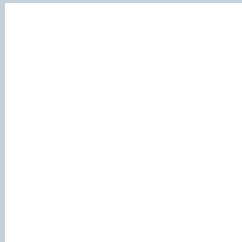
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 6.517, 246.218

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.517, 246.218.



This preview shows how white text looks on a background with the CIELCh color 83, 6.517, 246.218.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83, 6.517, 246.218

Protanopia

83, 5.880, 297.655

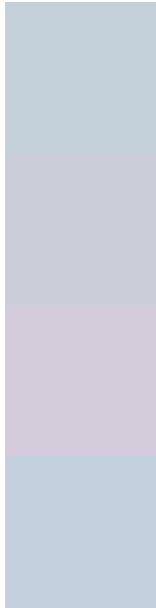
Deuteranopia

83, 12.626, 327.652



Tritanopia
83, 9.198, 266.422

Trichromacy



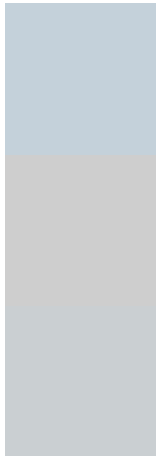
Original Color
83, 6.517, 246.218

Protanomaly
83, 5.900, 280.323

Deuteranomaly
83, 9.102, 311.515

Tritanomaly
83, 8.258, 263.197

Monochromacy



Original Color
83, 6.517, 246.218

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.379, 241.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.517, 246.218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(196, 209, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 209, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.517, 246.218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 209, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 209, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(196, 209,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.517, 246.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 209, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
209, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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